

ductruong

\* \* \* \* \* STN Columbus \* \* \* \* \*

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'EPFULL' ENTERED AT 15:10:48 ON 01 JUL 2008

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FILE 'RDISCLOSURE' ENTERED AT 15:10:48 ON 01 JUL 2008

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FILE 'USPATFULL' ENTERED AT 15:10:48 ON 01 JUL 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 15:10:48 ON 01 JUL 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 15:10:48 ON 01 JUL 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (polyarylene sulfide or poly arylene sulfide) and sulfur source and dihalo-aromatic compound#

5 FILES SEARCHED...

L1 52 (POLYARYLENE SULFIDE OR POLY ARYLENE SULFIDE) AND SULFUR SOURCE AND DIHALO-AROMATIC COMPOUND#

=> s l1 and alkali metal hydroxide#

L2 31 L1 AND ALKALI METAL HYDROXIDE#

=> s l2 and organic amide solvent#

L3 27 L2 AND ORGANIC AMIDE SOLVENT#

=> s l3 and dehydrat?

L4 22 L3 AND DEHYDRAT?

=> s l4 and distillat? and water

L5 21 L4 AND DISTILLAT? AND WATER

=> s l5 and polymerization

L6 21 L5 AND POLYMERIZATION

=> s l6 and control the pH

1 FILES SEARCHED...

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3 FILES SEARCHED...

5 FILES SEARCHED...

L7 4 L6 AND CONTROL THE PH

=> D L7 1-4

L7 ANSWER 1 OF 4 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN

AN 2005:152289 EPFULL EDP 20061115 ED 20061115 UP 20061115  
DUPD 20061115 DUPW 200646

TIEN PROCESS FOR PRODUCING POLYARYLENE SULFIDE.

TIFR PROCEDE DE SYNTHESE DE SULFURE DE POLYARYLENE.

IN SUZUKI, Koichi, c/o Research Center, Kureha Co., 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;  
SATO, Hiroyuki, c/o Research Center, Kureha Co., 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;  
SATO, Nobuo, c/o Research Center, Kureha Co., 16, Ochiai, Nishiki-machi,  
Iwaki-shi, Fukushima 9748686, JP;  
KAWAMA, Hirohito, c/o Kureha Corporation, 3-3-2, Nihonbashi-Hamacho,  
Chuo-ku, Tokyo 1038552, JP

PA Kureha Corporation, 3-3-2, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-8552,  
JP

PAN 7199200

DT Patent

LAF Japanese

LA English

LAP English

TL English; French

PIT WOA1 International application published with search report

PI WO 2006046748 A1 20060504

DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL  
PL PT RO SE SI SK TR

EXTENSION STATES: AL BA HR MK YU

AI EP 2005-800046 A 20051026

WO 2005-JP20053 A 20051026

PRAI JP 2004-317025 A 20041029

IPCI C08G0075-02 [I,A]

C08G0075-00 [I,C\*]

AN 2005:152289 EPFULL EDP 20061115 ED 20070801 UP 20080206  
DUPD 20080206 DUPW 200806

TIEN PROCESS FOR PRODUCING POLYARYLENE SULFIDE.

TIFR PROCEDE DE SYNTHESE DE SULFURE DE POLYARYLENE.

TIDE VERFAHREN ZUR HERSTELLUNG VON POLYARYLENSULFID.

IN SUZUKI, Koichi, c/o Iwaki Factory, Kureha Corporation, 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;  
SATO, Hiroyuki, c/o Research Center, Kureha Co., 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;  
SATO, Nobuo, c/o Research Center, Kureha Co., 16, Ochiai, Nishiki-machi,  
Iwaki-shi, Fukushima 9748686, JP;  
KAWAMA, Hirohito, c/o Kureha Corporation, 3-3-2, Nihonbashi-Hamacho,  
Chuo-ku, Tokyo 1038552, JP

PA Kureha Corporation, 3-3-2, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-8552,  
JP

PAN 7199200

AG Albrecht, Thomas, Kraus & Weisert Thomas-Wimmer-Ring 15, 80539  
Muenchen, DE

AGN 83202

DT Patent

ductruong

LAF Japanese  
LA English  
LAP English  
TL German; English; French  
PIT EPA1 Application published with search report  
PI EP 1813638 A1 20070801  
WO 2006046748 20060504  
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL  
PL PT RO SE SI SK TR  
AI EP 2005-800046 A 20051026  
WO 2005-JP20053 A 20051026  
PRAI JP 2004-317025 A 20041029  
IPCI C08G0075-02 [I,A]  
C08G0075-00 [I,C\*]  
  
L7 ANSWER 2 OF 4 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN  
  
AN 2004:25578 EPFULL  
DUPD 20041117 DUPW 200447  
TIEN POLYARYLENE SULFIDE AND PROCESS FOR PRODUCING THE  
SAME.  
TIFR SULFURE DE POLYARYLENE ET PROCEDE D'ELABORATION.  
IN KAWAMA, Hirohito, Kureha Chemical Industry Co.Ltd., 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukush, JP;  
MATSUZAKI, Mitsuhiro, Kureha Chemical Industry Co., 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukushima 748686, JP;  
MIYAHARA, Michihisa, Kureha Chemical Industry Co., 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukushima 748686, JP;  
SUZUKI, Koichi, Kureha Chemical Industry Co., 16, Ochiai, Nishiki-machi,  
Iwaki-shi, Fukushima 748686, JP;  
SATO, Hiroyuki, Kureha Chemical Industry Co., 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukushima 748686, JP  
PA Kureha Chemical Industry Company, Limited, (Chemical Industry Company,  
Limited, Kureha), 1-9-11, Nihonbashi Horidome-cho, Chuo-ku, Tokyo  
103-8552, JP  
PAN 4076311  
DT Patent  
LAF Japanese  
LA English  
LAP English  
TL English; French  
PIT WOA1 International application published with search report  
PI WO 2004065457 A1 20040805  
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE  
SI SK TR  
EXTENSION STATES: AL LT LV MK  
AI EP 2004-703890 A 20040121  
WO 2004-JP477 A 20040121  
PRAI JP 2003-11760 A 20030121  
JP 2003-435562 A 20031226  
IC.VER 7  
ICM C08G075-00  
  
AN 2004:25578 EPFULL ED 20051019 UP 20071205  
DUPD 20071205 DUPW 200749  
TIEN POLYARYLENE SULFIDE AND PROCESS FOR PRODUCING THE  
SAME.  
TIFR SULFURE DE POLYARYLENE ET PROCEDE D'ELABORATION.  
TIDE POLYARYLENSULFID UND HERSTELLUNGSVERFAHREN DAFUeR.

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IN KAWAMA, Hirohito, Kureha Chemical Industry Co. Ltd., 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;  
MATSUZAKI, Mitsuhiro, Kureha Chemical Industry Co., 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukushima 748686, JP;  
MIYAHARA, Michihisa, Kureha Chemical Industry Co., 16, Ochiai,  
Nishiki-machi, Iwaki-shi, Fukushima 9748686, JP;  
SUZUKI, Koichi, Kureha Chemical Industry Co., 16, Ochiai, Nishiki-machi,  
Iwaki-shi, Fukushima 9748686, JP;  
SATO, Hiroyuki, Kureha Chemical Industry Co., 16, Ochiai, Nishiki-machi,  
Iwaki-shi, Fukushima 9748686, JP  
PA Kureha Corporation, 3-3-2, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-8552,  
JP  
PAN 7199200  
AG Jones, Helen M.M., Gill Jennings & Every LLP Broadgate House 7 Eldon  
Street, London EC2M 7LH, GB  
AGN 57931  
DT Patent  
LAF Japanese  
LA English  
LAP English  
TL German; English; French  
PIT EPA1 Application published with search report  
PI EP 1586601 A1 20051019  
WO 2004065457 20040805  
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE  
SI SK TR  
AI EP 2004-703890 A 20040121  
WO 2004-JP477 A 20040121  
PRAI JP 2003-11760 A 20030121  
JP 2003-435562 A 20031226  
IPCI C08G0075-00 [I,A]  
C08G0075-00 [I,C\*]  
  
L7 ANSWER 3 OF 4 USPATFULL on STN  
AN 2007:303428 USPATFULL  
TI Production Process of Poly(Arylene Sulfide  
)  
IN Suzuki, Koichi, Fukushima, JAPAN  
Sato, Hiroyuki, Fukushima, JAPAN  
Sato, Nobuo, Fukushima, JAPAN  
Kawama, Hirohito, Tokyo, JAPAN  
PI US 20070265425 A1 20071115  
AI US 2005-666346 A1 20051026 (11)  
WO 2005-JP20053 20051026  
20070426 PCT 371 date  
PRAI JP 2004-317025 20041029  
DT Utility  
FS APPLICATION  
LN.CNT 1680  
INCL INCLM: 528/388.000  
INCLS: 528/373.000  
NCL NCLM: 528/388.000  
NCLS: 528/373.000  
IC IPCI C08G0075-14 [I,A]; C08G0075-00 [I,C\*]  
IPCR C08G0075-00 [I,C]; C08G0075-14 [I,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
  
L7 ANSWER 4 OF 4 USPATFULL on STN  
AN 2006:87217 USPATFULL

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TI Polyarylene sulfide and process for producing the  
same  
IN Kawama, Hirohito, Fukushima, JAPAN  
Matsuzaki, Mitsuhiro, Fukushima, JAPAN  
Miyahara, Michihisa, Fukushima, JAPAN  
Suzuki, Koichi, Fukushima, JAPAN  
Sato, Hiroyuki, Fukushima, JAPAN  
PI US 20060074219 A1 20060406  
AI US 2004-542543 A1 20040121 (10)  
WO 2004-JP477 20040121  
20050718 PCT 371 date  
PRAI JP 2003-11760 20030121  
JP 2003-435562 20031226  
DT Utility  
FS APPLICATION  
LN.CNT 1587  
INCL INCLM: 528/388.000  
NCL NCLM: 528/388.000  
IC IPCI C08G0075-14 [I,A]; C08G0075-00 [I,C\*]  
IPCR C08G0075-00 [I,C]; C08G0075-14 [I,A]; C08G0075-02 [I,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> S L6 AND ALKALI METAL hydrosulfide  
L8 19 L6 AND ALKALI METAL HYDROSULFIDE

=> S L7 AND ALKALI METAL hydrosulfide  
L9 4 L7 AND ALKALI METAL HYDROSULFIDE

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